

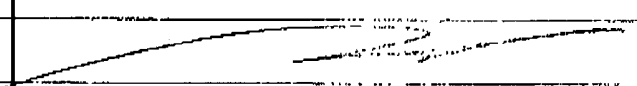
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P. O/SU/21 (08-00)
 Approved for use through 10/31/2003. OMB 0651-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/087,229	RECEIVED CENTRAL FAX CENTER MAR 26 2004
		Filing Date	February 27, 2002	
		Filed/Examined Inventor	CHOU, QUIN	
		Group Art Unit	1637	
		Examiner Name	Young J. Kim	
Total Number of Pages in This Submission		18	Agency Docket Number	BIOS-001
ENCLOSURE (check all that apply)				
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings <input type="checkbox"/> Licensing related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Rebrand <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Motion, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):	Remarks:	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT				
Firm or Individual Name	BRET E. FIELD, Reg. No. 37,620			
Signature				
Date	March 26, 2004			

CERTIFICATE OF FACSIMILE TRANSMISSION	
I hereby certify that this correspondence is being facsimile filed under 37 C.F.R. §§ 1.6(d) and 1.8(a)(1)(h) addressed to: 703-072-9300 on this date: March 26, 2004.	
Typed or printed name	Donna Macedo
Signature	
Date	March 26, 2004

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PTO/USDO/17 (10-03)

Approved for use through 03/31/2006 CAMB 0651-1-032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 486.00**Complete if Known**

Application Number	10/087,229
Filing Date	February 27, 2002
Applicant Inventor	CHOU, QUIN
Examiner Name	KIM, YOUNG J.
Art Unit	1637
Agency Docket No.	BIOS-001

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	50-0815
Deposit Account Name	Bozicovic, Field & Francis LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge Any Additional Fee(s) Required under 37 C.F.R. 1.17.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description
Code (\$)	Code (\$)	
1001 770	2001 385	Utility filing fee
1002 340	2002 170	Design filing fee
1003 530	2003 265	Plant filing fee
1004 770	2004 385	Reissue filing fee
1005 160	2005 80	Provisional filing fee

SUBTOTAL (1)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
51	-24** = 27	x 18.00	= 486.00
Indep. Claims	5	-6** = 0	=
Multiple Dependent			=

Large Entity, Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 486.00

**for number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity, Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1051 140	2051 65	Surcharge - late filing fee or other
1052 5	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 150	2053 130	Non English specification
1812 2,520	1312 2,520	For filing a request for ex parte re-examination
1804 1,364	1304 920*	Requesting publication of IIR prior to Examination action
1805 1,340	1305 1,840	Requesting publication of IIR after Examiner action
1251 100	2151 55	Extension for reply within first month
1252 450	2152 210	Extension for reply within second month
1253 950	2153 475	Extension for reply within third month
1254 1,400	2154 740	Extension for reply within fourth month
1255 2,400	2155 1,005	Extension for reply within fifth month
1401 300	2101 165	Notice of Appeal
1402 300	2102 165	Filing a brief in support of an appeal
1403 250	2103 145	Request for oral hearing
1451 1,510	1351 1,510	Petition to institute a public use proceeding
1452 110	2152 55	Petition to revive - unavoidable
1453 1,300	2153 605	Petition to revive - unavoidable
1501 1,700	2101 625	Utility issue fee (for reissue)
1512 400	2102 240	Design issue fee
1513 400	2103 320	Plant issue fee
1406 150	1406 130	Petitions to the Commissioner
1607 50	1607 50	Processing fee under 37 CFR 1.17(c)
1608 150	1608 100	Submission of Information Disclosures
9011 40	9011 40	Recording each patent assignment per property (times number of properties)
1805 750	1805 385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810 750	1810 365	For each additional invention to be examined (37 CFR § 1.129(b))
1601 750	1601 385	Request for Continued Examination (RCE)
1802 500	1802 500	Request for expedited examination of a design application

Other fee(s) indicated

*Reduced by any Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY****Complete if applicable**

Name (Print/Type)	Bret E. Field	Registration No. (Attorney's only)	37,620	Telephone	(550) 533 7770
Signature		Date	03/26/2004		

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included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 112 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or supply comments during this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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PTO 1517 (10-03)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 486.00**Complete (if known)**

Application Number 10/087,229
 Filing Date February 27, 2002
 First Named Inventor CHOU, QUIN
 Examiner Name KIM, YOUNG J.
 Art Unit 1637
 Attorney Docket No. BIOS-001

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 50-0815
 Deposit Account Name Bozicovic, Field & Francis LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge Any Additional Fee(s) Required under 37 C.F.R. 1.17.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee

Fee Paid**SUBTOTAL (1)****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
51	24** = 27	x 18.00	= 486.00
Indep. Claims	5	-6** = 0	=
Multiple Dependent			=

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	200	2203	145	Multiple dependent claims, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 486.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1051	15	2051	85	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	2053	130	Non-English specification
1012	2,520	2012	2,520	For filing a request for ex parte reexamination
1804	120	2804	920*	Requesting publication of SI for a to Examination action
1305	1,440	2305	1,840*	Requesting publication of SI after Examination action
1251	110	2251	55	Extension for reply within last month
1252	420	2252	210	Extension for reply within second month
1253	690	2253	475	Extension for reply within third month
1254	1,000	2254	740	Extension for reply within fourth month
1255	2,000	2255	1,005	Extension for reply within fifth month
1401	200	2401	165	Notice of Appeal
1402	200	2402	165	Filing a brief in support of an appeal
1403	200	2403	145	Request for oral hearing
1451	1,510	2451	1,510	Petition to institute a public law proceeding
1452	110	2452	55	Petition to revive - unintentional
1453	1,510	2453	1,510	Petition to revive - unintentional
1501	1,510	2501	505	Utility issue fee (or request)
1502	410	2502	240	Design issue fee
1503	610	2503	320	Plant issue fee
1406	18	2406	190	Petitions to the Commissioner
1857	63	2857	50	Processing fee under 37 CFR 1.17(c)
1916	110	2916	100	Submission of Information Disclosure Sheet
2021	40	3021	40	Recording each patent application for property (times number of properties)
1800	770	2800	305	Filing a submission after final rejection (37 CFR § 1.120(a))
1810	770	2810	305	For each additional invention to be examined (37 CFR § 1.120(b))
1801	770	2801	285	Request for Continued Examination (RCE)
1052	50	2052	500	Request for expedited examination of a design application

Other fee(s) (patent)

*Required by Patent Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Registration No.	Fee Paid	Fee Paid
Bret E. Field	47,620	(650) 331 7170	03/26/2004
Signature			

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MAR 26 2004

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VIA FACSIMILE 703 872 9306		
Amendment and Response Address to: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	Attorney Docket	BIOS-001
	First Named Inventor	Quin Chou.
	Application Number	10/087,229
	Filing Date	February 27, 2001
	Group Art Unit	1637
	Examiner Name	Young J. Kim
	Title: METHODS OF USING FET LABELED OLIGONUCLEOTIDES THAT INCLUDE A 3'-5' EXONUCLEASE RESISTANT QUENCHER DOMAIN AND COMPOSITIONS FOR PRACTICING THE SAME	

Dear Sir:

In response to the Office Action dated February 13, 2004, please amend the above-identified application as follows: